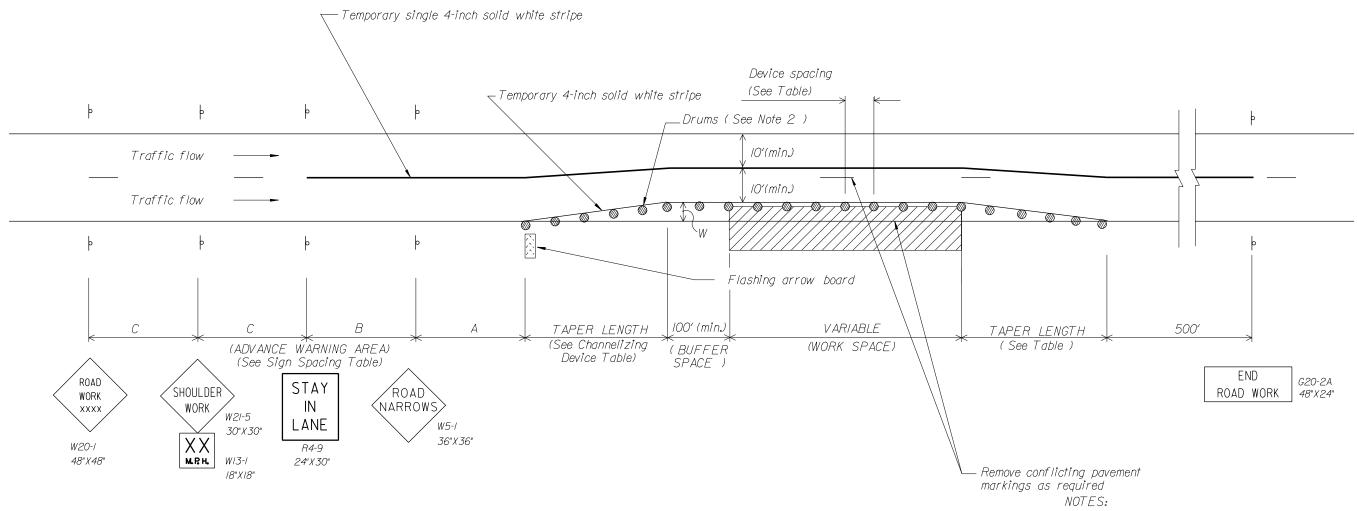
REG STATE PROJECT SHEET NO.

TYPICAL APPLICATION: ONE WAY, TWO LANE ROADWAY, CLOSING PARTIAL LANE WIDTH AND SHOULDER



CHANNELIZING DEVICE TABLE					
APPROACH SPEED	MINIMUM TAPER LENGTH (FT)	CHANNELIZING DEVICE SPACING (FT)			
(IVITT)		TAPER AREA	WORK AREA		
25	Taper formula:	25	50		
30	or greater	30	60		
<i>3</i> 5	L= <u>WS²</u> for speeds of 40 or less	35	70		
40	Where:	40	80		
45	L= Minimum length of taper	45	90		
50	S= Numerical value of posted speed limit prior to work area or 85 perceptile speed	50	100		
55	W= Width of offset	55	100		
	SPEED (MPH) 25 30 35 40 45 50	APPROACH SPEED (MPH) 25 Taper formula: $L = \frac{W \times S}{2} \text{ for speeds of 45}$ 30 $or \text{ greater}$ 35 $L = \frac{WS^2}{120} \text{ for speeds of 40}$ or less 40 Where: $L = \text{Minimum length of taper}$ 50 $S = \text{Numerical value of posted speed limit prior to work area or 85 percentile speed}$	APPROACH SPEED (MPH) Taper formula: $L = \frac{W_XS}{2}$ for speeds of 45 or greater 30 35 $L = \frac{W_SS}{120}$ for speeds of 40 or less 40 Where: 45 $L = M = M = M = M = M = M = M = M = M = $		

ADVANCE WARNING SIGN SPACING CHART				
	Recommended			
POSTED SPEED LIMIT	Distance Between Signs			
(MPH)	(feet)			
(WITTI)	Α	В	С	
≤ 35	200	200	200	
40-50	350	350	350	
55	500	500	500	
Expressway/Urban Parkway	1000	1600	2600	

I. Final location and spacing of signs and devices may be changed to fit field conditions as approved by the CO.

2. For operations that require a shoulder closure for a day or less, drums may be substituted with cones, type A, in the Work Area.

3. Repeat signs on both sides of the roadway.

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION EASTERN FEDERAL LANDS HIGHWAY DIVISION

DETAIL

CONSTRUCTION TRAFFIC CONTROL
ONE WAY, TWO LANE ROAD
SHOULDER WORK WITH MINOR ENCROACHMENT
(WITHOUT BARRIER)

DETAIL APPROVED FOR USE/	DETAIL
VISED:4/15/2002	E635-8

3 11.31.23 AM M. Standard Foolish dt635x08 dan

02/26/2003 11:31:23 AM M